## EAST Search History

| Ref # | Hits | Search Query                            | DBs                    | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------|---------------------|---------|---------------------|
| L1    | 2    | 73/114.28                               | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:39 |
| L2    | 106  | 73/114.28.ccls.                         | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:39 |
| L3    | 86   | (top with dead) and 2                   | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:40 |
| L4    | 18   | ((max or maxim\$6) with pressure) and 3 | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:40 |
| L5    | 68   | 3 not 4                                 | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:46 |
| L6    | 18   | 3 not 5                                 | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>08:57 |
| L7    | 217  | 73/114.26.ccls.                         | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:02 |
| L8    | 89   | (top with dead) and 7                   | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:03 |
| L9    | 5    | ((max or maxim\$6) with pressure) and 8 | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:03 |
| L10   | 84   | 8 not 9                                 | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:06 |
| L11   | 82   | 73/114.27.ccls.                         | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:17 |
| L12   | 44   | (top with dead) and 11                  | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:17 |
| L13   | 13   | 73/114.29.ccls.                         | US-<br>PGPUB;<br>USPAT | OR                  | ON      | 2008/11/24<br>09:26 |

| L14        | 9   | (top with dead) and 13   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:26 |
|------------|-----|--|------------------------|----|-----|---------------------|
| L15        | 181 | 73/114.16.ccls.  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:31 |
| L16        | 91  | (top with dead) and 15   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:31 |
| L17        | 53  | ((max or maxim\$6) with pressure) and 16   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:31 |
| L18        | 21  | 73/114.17.cdls.  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:53 |
| L19        | 8   | (top with dead) and 18   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:53 |
| L20        | 19  | 73/114.22.ccls.  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:57 |
| L21        | 9   | (top with dead) and 20   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/24<br>09:57 |
| S1         | 1   | ("6732589").PN.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2008/04/04<br>19:37 |
| <b>S</b> 2 | 7   | ("4455980"   "4531499"<br>  "4562728"   "4744243"<br>  "5611311"   "6148795"<br>  "6230683").PN. | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>10:29 |
| 83         | 1   | ("5611311").PN.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2008/04/07<br>11:14 |
| S4         | 1   | (top near10 dead) and<br>S3  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>11:15 |
| S5         | 1   | pressure and S4  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>11:44 |
| S6         | 7   | "536619".ap.   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>14:14 |
| <b>S</b> 7 | 1   | ("20060293829").PN.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2008/04/07<br>14:16 |

| S8  | 1    | skip and S7  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>14:16 |
|-----|------|--|------------------------|----|-----|---------------------|
| S9  | 1    | ("5611311").PN.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2008/04/07<br>14:20 |
| S10 | 0    | skip and S9  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>14:20 |
| S11 | 1    | (fire or fired or firing)<br>and S9                                | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>14:20 |
| S12 | 1    | timing and S9  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/04/07<br>15:01 |
| S13 | 1    | ("5611311").PN.  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2008/11/23<br>08:26 |
| S14 | 1    | S13 and top  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>08:27 |
| S15 | 1266 | engine and (top near10 dead) and "73"/\$.ccls.                     | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>08:59 |
| S16 | 220  | ((max or maxim\$6) with pressure) and S15                          | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>09:02 |
| S17 | 13   | thermodynamic and S16  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>09:05 |
| S18 | 1    | (thermodynamic with loss) and S16                                  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>09:51 |
| S19 | 1    | (thermodynamic with angle) and S16                                 | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>09:53 |
| S20 | 2    | (thermodynamic with offset) and S16                                | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>09:54 |
| S21 | 3112 | engine and (top near10 dead) and ((max or maxim\$6) with pressure) | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>10:08 |
| S22 | 29   | (thermodynamic with loss) and S21                                  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2008/11/23<br>10:08 |

| S23 | 3112 | engine and (top near10 dead) and ((max or maxim\$6) with pressure) | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/11/24<br>02:25 |
|-----|------|--|------------------------|----|----|---------------------|
| S24 | 11   | (thermodynamic with angle) and S23                                 | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/11/24<br>02:26 |
| S25 | 9    | (thermodynamic with offset) and S23                                | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/11/24<br>02:30 |
| S26 | 132  | (angle with offset) and<br>S23                                     | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/11/24<br>02:36 |
| S27 | 126  | S26 not (S24 or S25)   | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/11/24<br>02:36 |

11/24/08 9:58:20 AM

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